Extron

2007 New Products

TWISTED PAIR

MTPX Series

MTP Series Twisted Pair Matrix Switchers

The Extron MTPX Series Twisted Pair Matrix Switchers offer an innovative new feature set to simplify the complexity of a twisted-pair based A/V system. Local video and audio inputs and outputs enable direct connection of equipment that is located within the same rack as the MTPX Matrix. This greatly simplifies system complexity by eliminating additional MTP transmitters and receivers. Additional features include switchable pre-peaking on a number of the outputs to drive signals long distances, audio input gain and attenuation to balance audio levels, and output volume control for the local outputs.

FEATURES

- Six models in sizes from 8x16 to 32x32
- Local video inputs and outputs
- Local audio inputs and outputs
- Audio input gain/attenuation adjustment
- Local audio output volume control
- Video pre-peaking on 25% of the outputs
- Compatible with Extron MTP Series twisted pair transmitters and receivers, including MTP U Series Universal Twisted Pair Receivers

MTPX 1616

MTPX 3232

Model	Version Description	Part Number
MTPX 816	8x16	60-831-01
MTPX 168	16x8	60-830-01
MTPX 1616	16x16	60-829-01
MTPX 1632	16x32	60-895-01
MTPX 3216	32x16	60-896-01
MTPX 3232	32x32	60-894-01

MTPX Plus Series

MTP Series Twisted Pair Matrix Switchers with IP Link

The Extron MTPX Plus Series Twisted Pair Matrix Switchers represent the next generation of twisted pair integration. In addition to all the features found on the MTPX Series, the MTPX Plus Series provides Dynamic Skew Equalization on all inputs and outputs. This industry first innovation ensures that UTP cable skew is eliminated - no matter which combination of input/output cable lengths are selected. Another innovative feature, Local RS-232 Insertion Ports, allows a control system located next to the MTPX Plus to connect to and control remote displays over the same UTP output cable that drives the signal to them.

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FEATURES

- Six models in sizes from 8x16 to 32x32
- Dynamic skew compensation
- Local RS-232 insertion ports
- Video level & peaking compensation on each input
- Video pre-peaking on 50% of the outputs
- Local video inputs and outputs
- Local audio inputs and outputs
- Audio input gain/attenuation adjustment
- Local audio output volume control
- IP Link Ethernet connectivity
- Compatible with Extron MTP Series twisted pair transmitters and receivers, including MTP U Series Universal Twisted Pair Receivers

MTPX Plus 1616

MTPX Plus 3232

Model	Version Description	Part Number
MTPX Plus 816	8x16	60-834-01
MTPX Plus 168	16x8	60-833-01
MTPX Plus 1616	16x16	60-832-01
MTPX Plus 1632	16x32	60-898-01
MTPX Plus 3216	32x16	60-899-01
MTPX Plus 3232	32x32	60-897-01

TWISTED PAIR

MTP U Series

Universal MTP – Mini Twisted Pair Receivers

The Extron MTP U Series Universal Mini Twisted Pair Receivers combine multiple MTP Receivers into one unit. This compact receiver allows composite video, S-video, and VGA, along with audio or RS-232 control signals, to be sent over a single CAT5 cable and output on the appropriate connector type at the display. Using one cable for all signal types simplifies system wiring and uses only a single matrix output and MTP U Series receiver per display.

FEATURES

- Automatically routes incoming UTP signal to appropriate video, audio, and RS-232 connector
- Supports RGBHV, RGBS, RGsB, RsGsBs, component video, S-video, and composite video
- Compatible with HDTV component video, bi-level or tri-level sync
- Continuously variable RGB level and peaking controls
- Independent skew delay adjustments for each color – SEQ models only
- Compatible with MTPX and MTPX Plus Series matrix switchers and all MTP Series transmitters

Model	Version Description	Part Number
MTP U R RSA SEQ	A/V & RS-232 Universal Receiver w/SEQ	60-869-01
MTP U R RS SEQ	Video & RS-232 Universal Receiver w/SEQ	60-869-02
MTP U R A	Video & Audio Universal Receiver	60-869-03

MTP U R RSA SEQ

MTP U R RS SEQ

MTP 15HD C7 Series

MTP - Mini Twisted Pair Transmitters and Receivers for RGBHV and Audio or RS-232 with CAT 7 Capability

The MTP 15HD C7 Series twisted pair transmitters and receivers are designed for optimal video performance when using Category 7 twisted pair cable. These new products are designed for systems where CAT 7 cable is used to send high resolution video signals, along with audio or RS-232 control signals, to a display.

They are compatible with resolutions up to 1600x1200 and will support cable runs of 185 meters (600 feet) or more with XGA signals, and 135 meters (450 feet) or more with UXGA signals.

FEATURES

- Sends high resolution computer video and summed mono audio signals or RS-232 signals over a single CAT 7 twisted pair cable
- Compatible with RGBHV, RGBS, RGsB, component video, S-video and composite video
- Compatible with HDTV component video, bi-level and tri-level sync
- Pre-peaking circuit for optimizing video signal on long cable runs
- Buffered local monitor output
- Designed for use with CAT 7 twisted pair cable only

Model	Version Description	Part Number
MTP - Mini Twisted Pair Transmitter for RGBHV and Audio with CAT 7 Capability		
MTP T 15HD A C7	CAT 7 Transmitter	60-669-02
MTP - Mini Twisted Pair Receiver for RGBHV and Audio w/Loop Through with CAT 7 Capability		
MTP RL 15HD A C7	CAT 7 Receiver w/Loop Through	60-690-03
MTP - Mini Twisted Pair Receiver for RGBHV and Audio w/Loop Through & Skew Equalizer with CAT 7 Capability		
MTP RL 15HD A SEQ C7	CAT 7 Receiver w/Loop Through & Skew	60-690-04
MTP - Mini Twisted Pair Transmitter for RGBHV and RS-232 with CAT 7 Capability		
MTP T 15HD RS C7	CAT 7 Transmitter	60-652-02
MTP - Mini Twisted Pair Receiver for RGBHV and RS-232 w/Loop Through with CAT 7 Capability		
MTP RL 15HD RS C7	CAT 7 Receiver w/Loop Through	60-735-03
MTP - Mini Twisted Pair Receiver for RGBHV and RS-232 w/Loop Through & Skew Equalizer with CAT 7 Capability		
MTP RL 15HD RS SEQ C7	CAT 7 Receiver w/Loop Through & Skew	60-735-04

MTP T 15HD A C7

MTP RL 15HD RS SEQ C7

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ARCHITECTURAL CONNECTIVITY

AVTrac™

Floor-Mount Raceway System with AAP Connectivity

The Extron AVTrac™ Floor-Mount Raceway System with AAP Connectivity is a low profile, floor-mounted raceway system with a modular AAP - Architectural Adapter Plate enclosure. It is designed for use in any environment where A/V devices require connectivity but are not positioned near a wall or other area where power, data, and A/V connections are traditionally located.

AVTrac is a cost-effective, discreet alternative to power poles, poke-through devices, trenching, and raised access flooring. It is ideal for use in classrooms, training centers, and corporate boardrooms as well as legacy installations and other reconfigurable spaces that require flexible placement of A/V, power and data connectors.

FEATURES

- Low-profile raceway system with modular AAP enclosure
- 2 double-space, 2 triple-space AAP openings
- Easy access AAP enclosure
- Factory installed AVTrac AC Power Module
- ADA Compliant
- UL/CUL Listed

AVTrac Floor System with Rubber Cap Inlay

AVTrac Floor System with Carpet Cap Inlay

Model	Version Description	Part Number
AVTrac 480C	For Carpet Inlay, 8' (2.4 m) Raceway	60-888-24
AVTrac 480R	With Rubber Inlay, 8' (2.4 m) Raceway	60-903-24

SWITCHERS

YCS SW2 A

Two Input, Dual Output Transcoding Switcher with Audio

The Extron YCS SW2 A is a two input, dual output video and audio switcher with built in video transcoding. It simultaneously decodes composite video signals into S-video signals, and encodes S-video signals into composite video signals. The YCS SW2 A is ideal for simplifying signal routing to video projectors and other display devices in A/V systems designed for classrooms, conference rooms, and video conferencing.

FEATURES

- Digital quad standard decoder/encoder
- Integrated audio switcher
- Autoswitching capabilities
- Time base stabilization
- Contact closure remote control
- Compact, durable metal enclosure
- External international power supply included

Model	Version Description	Part Number
YCS SW2 A	Two Input Transcoding Switcher with Audio	60-874-01

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MATRIX SWITCHERS

SMX System MultiMatrix

Modular Multi-Plane Matrix Switcher

The SMX System MultiMatrix Series of multi-plane matrix switchers combines multiple, independent analog and digital matrix switchers in a truly modular, field-configurable frame. It supports up to 16 independent matrix switchers, all under a single point of control. The SMX combines the proven reliability and high performance of Extron's popular CrossPoint 450 Plus, MAV Plus, HDXP Plus, and MVX Series matrix switchers with the efficiency of a modular matrix switcher design. The SMX System MultiMatrix is an ideal choice for medical imaging systems, conference and training facilities, and other mid-sized applications that require the switching of different signal types and a cost-effective upgrade path for ongoing I/O or signal format changes.

SMX 400 frame populated with:
- SMX 1616 A
- SMX 88 V
- SMX 84 YC
- SMX 88 VGA

The heart of the SMX System MultiMatrix is a field-configurable frame designed to facilitate the installation of new and replacement matrix switcher boards with a minimum of time and labor. The unique, hot-swappable card-cage design quickly aligns each matrix board on its own horizontal plane. Matrix boards can be installed without switcher disassembly, new firmware, or even the need to remove a previously-installed SMX switcher from the rack.

Three frames, available in 3U, 4U, and 5U sizes, provide six, eight, or ten matrix board slots, respectively. Simply select the combination of analog, wideband, digital, and stereo audio matrix boards that best fit the application, and then install them in, in any order, in one or more frames. As A/V signal routing needs change over time, choose new matrix boards to adapt the SMX to the new requirements.

In a conference center application, A/V signal routing can require five or more separate matrix switchers - each with its own control panel and power supply. In addition to a large, complex A/V equipment rack, such a system design also requires a complex control system, with a separate control port for each matrix switcher.

With the SMX System MultiMatrix, these same, varied signal routing tasks can be consolidated, with one control point for the entire A/V signal routing system. The SMX System MultiMatrix also requires significantly less rack space. Many of the matrix boards require only one-half unit of rack space, allowing two separate switchers to be mounted in the same space as most small, standalone matrix switchers. For larger systems, additional frames can be linked together, still acting as a single unit so far as the control system is concerned.

SMX Frames

Modular, Card-Cage Frames for SMX System MultiMatrix

SMX System MultiMatrix frames are available in 3U, 4U, and 5U sizes, providing six, eight, or ten matrix board slots, respectively. All of the frames feature multiple control options, including front panel, IP Link Ethernet, and RS-232 remote control.

FEATURES

- Compact, multi-plane matrix switcher design
- Field-configurable, modular card-cage system
- Choice of analog, wideband, digital, and stereo audio matrix boards
- Link up to three frames

SMX 300 frame

Model	Version Description	Part Number
SMX 300 Frame	3U/6-Slot	60-855-01
SMX 400 Frame	4U/8-Slot	60-856-01
SMX 500 Frame	5U/10-Slot	60-857-01

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MATRIX SWITCHERS

Optional Matrix Boards for SMX System MultiMatrix

SMX 88 VGA

Model	Version Description	Part Number
Composite Video Matrix Switcher Boards		
SMX 84 V	8x4 Composite Video	70-591-02
SMX 88 V	8x8 Composite Video	70-591-03
SMX 1616 V	16x16 Composite Video	70-591-04
S-Video Matrix Switcher Boards		
SMX 84 SV	8x4 S-Video (DIN)	70-592-02
SMX 88 SV	8x8 S-Video (DIN)	70-592-03
SMX 1616 SV	16x16 S-Video (DIN)	70-592-04
S-Video (Y/C) Matrix Switcher Boards		
SMX 84 YC	8x4 S-Video (2 BNC)	70-593-02
SMX 88 YC	8x8 S-Video (2 BNC)	70-593-03
SMX 1616 YC	16x16 S-Video (2 BNC)	70-593-04
Wideband VGA Matrix Switcher Boards		
SMX 84 VGA	8x4 Wideband (15-pin HD)	70-596-02
SMX 88 VGA	8x8 Wideband (15-pin HD)	70-596-03
SMX 1616 VGA	16x16 Wideband (15-pin HD)	70-596-04
Wideband Matrix Switcher Boards		
SMX 84 WB	8x4 Wideband (BNC)	70-594-02
SMX 88 WB	8x8 Wideband (BNC)	70-594-03
SMX 1616 WB	16x16 Wideband (BNC)	70-594-04
Sync Matrix Switcher Boards		
SMX 88 SYNC	8x8 Single-channel Sync	70-595-03
SMX 88 H+V	8x8 H+V Sync	70-595-05
SMX 1616 SYNC	16x16 Single-channel Sync	70-595-04
Multi-Rate Serial Digital Matrix Switcher Boards		
SMX 84 HD-SDI	8x4 Multi-Rate SDI	70-597-02
SMX 88 HD-SDI	8x8 Multi-Rate SDI	70-597-03
SMX 1616 HD-SDI	16x16 Multi-Rate SDI	70-597-04
Stereo Audio Matrix Switcher Boards		
SMX 84 A	8x4 Stereo Audio	70-599-02
SMX 88 A	8x8 Stereo Audio	70-599-03
SMX 1616 A	16x16 Stereo Audio	70-599-04

MKP 3000 L

Lectern Mount X-Y Remote Control Panel with LCD Display

The MKP 3000 L is a lectern-mountable, X-Y remote control panel that is compatible with most Extron matrix switchers via Ethernet or RS-232. The MKP 3000 L offers simple, selection-knob or direct keypad access to inputs, outputs, presets, and audio volume settings, without the need for a computer or third-party control system. In addition to lectern mounting, the MKP 3000 L is also well-suited for rack-mount applications with the optional UCM RAAP universal controller rack mount kit.

FEATURES

- Selection scroll knob and LCD display
- 10-key keypad
- Virtual I/O Grouping
- Ethernet and RS-232 interfaces
- Primary/secondary mode operation - via Ethernet
- Lectern or rack mounting options

Model	Version Description	Part Number
MKP 3000 L	X-Y Remote Control with Lectern Faceplate	60-709-22

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MATRIX SWITCHERS

ISM 824

Modular Integration Scaling MultiSwitcher

The ISM 824 MultiSwitcher is a unique modular matrix switcher that allows for simultaneous video and RGB scaling plus wideband switching in a single, compact enclosure. It combines the powerful signal routing capabilities of an eight input, eight output, wideband matrix switcher with the versatility of four customizable outputs. The Extron ISM 824 can be equipped with any of the available scaling or scan conversion output boards for initial project requirements, and then upgraded at any time in the future with additional boards as system needs evolve and expand.

FEATURES

- Eight input matrix switcher with optional integrated signal processing
- Two universal pass-through wideband outputs and four customizable output slots
- Audio breakaway
- Audio input gain and attenuation
- Audio output volume adjustment and muting integrated signal processing
- 20 global presets

Model	Version Description	Part Number
ISM 824	Modular Scaling MultiSwitcher	60-787-01

ISM Output Boards

Optional Output Boards for ISM 824

Seven optional output boards are available for the ISM 824. These boards, which include two scalers, a scan converter, and single and dual output wideband boards, can be used in a variety of combinations to support a wide range of signal distribution and signal processing requirements.

The boards are installed in a simple, plug-in backplane, providing for system upgrades at virtually any time before, during, or after system installation.

Model	Version Description	Part Number
Universal Scaler Board - RGB	Analog RGB/YUV Output for ISM 824	70-544-01
Universal Scaler Board - DVI	DVI-D Output for ISM 824	70-624-01
Universal Scaler Board - HD	HD-SDI Output for ISM 824	70-625-01
Video Scaler Output Board	Video Scaler Output Board for ISM 824	70-545-01
Scan Converter Output Board	Scan Converter Output Board for ISM 824	70-546-01
Single Output Wideband Board	Single Output Wideband Board for ISM 824	70-547-01
Dual Output Wideband Board	Dual Output Wideband Board for ISM 824	70-548-01

Universal Scaler Board - DVI

Scan Converter Output Board

New Larger MVX VGA Matrices

VGA and Stereo Audio Matrix Switchers with ADSP™

The MVX VGA and Stereo Audio Matrix Switchers are now available in three new, larger sizes, from 12x12 through 16x16. With 300 MHz (-3 dB) RGB bandwidth, fully loaded, the MVX VGA series matrix switchers include such standard features as Extron's exclusive ADSP – Advanced Digital Sync Processing technology, audio input gain and attenuation, audio breakaway, and audio output volume adjustment and muting.

FEATURES

- 300 MHz (-3 dB) RGB video bandwidth, fully loaded
- ADSP™ - Advanced Digital Synce Processing
- Switches both balanced and unbalanced stereo audio
- Audio input gain and attenuation
- Audio output volume adjustment and muting

MVX 1616 VGA A

Model	Version Description	Part Number
MVX 1212 VGA A	12x12 VGA and Stereo Audio	60-858-01
MVX 168 VGA A	16x8 VGA and Stereo Audio	60-838-01
MVX 1616 VGA A	16x16 VGA and Stereo Audio	60-839-01

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MATRIX SWITCHERS

MAV Plus 1212 AV

12x12 Matrix Switchers with IP Link for Composite Video and Stereo Audio

The Extron MAV Plus 1212 AV matrix switcher is designed to route composite video and stereo audio signals. This 12x12 matrix switcher features 150 MHz (-3 dB) video bandwidth, fully loaded, backlit I/O selection buttons, and Extron's exclusive IP Link Ethernet control technology.

FEATURES

- 150 MHz (-3dB) video bandwidth, fully loaded
- Compatible with NTSC 3.58, NTSC 4.42, PAL, and SECAM video
- Vertical interval switching
- Enhanced QS-FPC™
- IP Link® Ethernet monitoring and control
- Tri-color, backlit buttons accept custom window labels
- View I/O mode
- Global presets

Model	Version Description	Part Number
MAV Plus 1212 AV	12x12 Composite Video & Stereo Audio	60-853-11

CrossPoint 300 1212

12x12 Wideband Matrix Switchers with ADSP for RGB and Stereo Audio

CrossPoint 300 1212 HVA

The Extron CrossPoint 300 1212 Series is designed to route wideband RGBHV and stereo audio signals. Both 12x12 matrix switchers feature 300 MHz (-3 dB) bandwidth, fully loaded, and are also fully compatible with RGBS, RGsB, HDTV, component video, S-video, and composite video signals. The CrossPoint 300 1212 includes Extron's ADSP Advanced Digital Sync Processing technology, an all-digital process that corrects and restores the sync signal as it passes through the switcher.

FEATURES

- 300 MHz (-3 dB) RGB video bandwidth, fully loaded
- Extremely flat response
- ADSP - Advanced Digital Sync Processing technology
- Buffered I/O
- HVA models switch both balanced and unbalanced stereo audio

Model	Version Description	Part Number
CrossPoint 300 1212 HV	12x12 RGBHV	60-851-15
CrossPoint 300 1212 HVA	12x12 RGBHV & Stereo Audio	60-851-16

CrossPoint 450 Plus 1212

12x12 Ultra-Wideband Matrix Switchers with ADSP and IP Link for RGB and Stereo Audio

CrossPoint 450 Plus 1212 HVA

The Extron CrossPoint 450 Plus 1212 Series is designed to route ultra-wideband RGBHV and stereo audio signals. Both 12x12 matrix switchers feature 450 MHz (-3 dB) bandwidth, fully loaded, and are also fully compatible with RGBS, RGsB, HDTV, component video, S-video, and composite video signals. CrossPoint 450 Plus Series matrix switchers come standard with RS-232 and RS-422 serial control capability.

FEATURES

- 450 MHz (-3 dB) RGB bandwidth, fully loaded
- ADSP - Advanced Digital Sync Processing technology
- DSVP™ - Digital Sync Validation Processing
- Audio output volume adjustment and muting
- Tri-color, backlit buttons accept custom window labels
- Extremely flat response

Model	Version Description	Part Number
CrossPoint 450 Plus 1212 HV	12x12 RGBHV	60-852-12
CrossPoint 450 Plus 1212 HVA	12x12 RGBHV & Stereo Audio	60-852-11

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MEDIALINK™

MLC 104 IP Plus DV+

MLC - MediaLink Controller with IP Link and Integrated DVD and VCR IR Control

The new MLC 104 IP Plus DV+ consists of an MLC 104 IP Plus MediaLink Controller and an IRCM DV+ Dual-Function DVD and VCR IR Control Module preassembled on a four-gang high impact plastic faceplate. It offers both display and source control on a single integrated panel. Because the controller and the IR control module are preassembled, the MLC 104 IP Plus DV+ will save installers valuable time in the field.

FEATURES

- Bidirectional RS-232 port for universal display control
- IP Link Ethernet monitoring and control
- Dual-function DVD and VCR IR control
- Includes black and white, four-gang, high-impact plastic mounting faceplates

Model	Version Description	Part Number
MLC 104 IP Plus DV+	Black & White	60-818-82

IPI 200 Series

Standalone IP Intercom™ Modules

IPI 201

The IPI 200 Series Standalone IP Intercom Modules may be used with Extron's free IP Intercom HelpDesk® software and IPI 100 Series modules to create an easy-to-use, two-way IP Intercom system for the classroom using a school's existing local area network. IPI 200 Series are standalone IP-addressable modules that do not require a MediaLink controller for operation. The IPI 200 Series features one or four Push to Talk buttons and models that mount in a two-gang wall box or in any Extron product that accepts a four-space AAP - Architectural Adapter Plate.

FEATURES

- Provides two-way, half-duplex voice communication over an IP network
- Stand-alone IP addressable modules
- One or four backlit Push To Talk buttons for communicating with one to four locations
- Integrated speaker and microphone
- Balanced or unbalanced mono audio output and contact relay port
- Supports Power over Ethernet, PoE 802.3af
- Available in black or white and two mounting styles

IPI 204

Model	Version Description	Part Number
IPI 201	One Button Two-gang - Black	60-809-02
IPI 201	One Button Two-gang - White	60-809-03
IPI 201	One Button Two-gang - RAL9010 White	60-809-05
IPI 201 AAP	One Button AAP - Black	60-809-12
IPI 201 AAP	One Button AAP - White	60-809-13
IPI 201 AAP	One Button AAP - RAL9010 White	60-809-15
IPI 204	Four Button Two-gang - Black	60-810-02
IPI 204	Four Button Two-gang - White	60-810-03
IPI 204	Four Button Two-gang - RAL9010 White	60-810-05
IPI 204 AAP	Four Button AAP - Black	60-810-12
IPI 204 AAP	Four Button AAP - White	60-810-13
IPI 204 AAP	Four Button AAP - RAL9010 White	60-810-15

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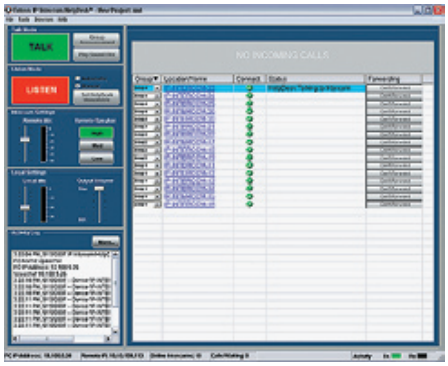
MEDIALINK™

IP Intercom® HelpDesk™ Software

Free IP Intercom Configuration and Management Software



Extron IP Intercom HelpDesk software is used for configuration and operation of IP Intercom systems, simplifying the integration of campus-wide classroom communication and A/V support. The software allows any PC on a school's network equipped with a microphone and speaker or headset to function as an A/V support help desk station. IP Intercom HelpDesk software allows the help desk to be established anywhere on campus, an administration office, the public safety office, or any other suitable location.

FEATURES

- Available for free from www.extron.com
- Enables two-way communication with a classroom for rapid problem resolution
- Stores and transmits pre-recorded voice announcements
- Calling groups allow recorded or live announcements to be broadcast to one or more rooms
- Displays detailed information on multiple intercom stations on one screen
- Call forwarding allows calls to be routed to another available help desk when busy
- Administrator password prevents operators from making system changes or monitoring room audio

Model	Version Description	Part Number
IP Intercom HelpDesk Software	Software for IP Intercom	79-516-01

PPC 25

Priority Page Controller

The PPC 25 Priority Page Controller is designed for use with Extron products with audio mute functionality. The controller works with the included Priority Page Sensor to detect audio signals on a classroom public address speaker, triggering the amplifier to mute the program audio. Use of the PPC 25 ensures that important announcements are not missed during a classroom presentation.

FEATURES

- Detects audio signal in a public address system speaker and mutes program audio
- Priority Page Controller designed for use with Extron products with audio mute functionality
- Compatible with 25V, 70V, line level, and 4/8 ohm public address systems
- Eighth rack width, one inch high metal enclosure
- Priority Page Sensor included, part # 70-619-01

Model	Version Description	Part Number
PPC 25	Priority Page Controller	60-887-01

IP LINK

IPL T PC1

IP Link Ethernet Control Interfaces for AC Power, RS-232, IR, and Contact Closure

IPL T PC1

The Extron IPL T PC1 and IPL T PC1i Power and Device Controllers with IP Link feature a single AC power outlet, RS-232, an IR output and a contact closure input. Both models include Extron IP Link technology, enabling flexible, centralized, Web-based power control and device management.

The integration of AC power control with device control in a single enclosure, makes the IPL T PC1 controller ideal for a wide variety of remote networked applications.

FEATURES

- One AC outlet: Edison female, IPL T PC1, and IEC female, IPL T PC1i
- One bidirectional RS-232 serial port
- One IR port
- One contact closure input for detecting a switch closure
- E-mail notification enables proactive support
- Integral high-performance Web server
- Free, easy-to-use Global Configurator software

Model	Version Description	Part Number
IPL T PC1	120 VAC Edison, Serial/IR/Contact Closure	60-544-10
IPL T PC1i	220 VAC IEC, Serial/IR/Contact Closure	60-544-20

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DISTRIBUTION AMPLIFIERS

CVEQ 100 D

Composite Video and Audio Line Driver with Gain and Equalization - Decora® Wallplates

The CVEQ 100 D is a one input, one output, high-performance line driver for composite video, and stereo audio. The CVEQ 100 D features independent gain and EQ adjustments, which compensate for signal losses due to long cable runs, and offers optimum signal quality regardless of cable length. It is ideal for permanent, in-wall installations in auditoriums, boardrooms, lecture halls, and other applications where video signals must be routed over long distances.

FEATURES

- Drives composite video up to 1,000 feet (300 meters) on Extron RG59 or equivalent cable
- Drives audio up 1,000 feet (300 meters) on Extron Shielded Twisted Pair or equivalent cable
- Adjustable gain control
- Adjustable EQ control
- Active Audio Buffering
- Mounts in an included Decora-style wall plate

Model	Version Description	Part Number
CVEQ 100 D	Composite Video and Audio Line Driver	60-867-01

SVEQ 100 D

S-Video and Audio Line Driver with Gain and Equalization - Decora® Wallplates

The SVEQ 100 D is a one input, one output, high-performance line driver for S-video, and stereo audio. The SVEQ 100 D features independent gain and EQ adjustments, which compensate for signal losses due to long cable runs, and offers optimum signal quality regardless of cable length. It is ideal for permanent, in-wall installations in auditoriums, boardrooms, lecture halls, and other applications where video signals must be routed over long distances.

FEATURES

- Drives S-video up to 1,000 feet (300 meters) on Extron RG59 or equivalent cable
- Drives audio up 1,000 feet (300 meters) on Extron Shielded Twisted Pair or equivalent cable
- Adjustable gain control
- Adjustable EQ control
- Active Audio Buffering
- Mounts in an included Decora-style wall plate

Model	Version Description	Part Number
SVEQ 100 D	S-Video and Audio Line Driver	60-868-01

MDA 4V HD-SDI

One Input, Four Output, HD-SDI Distribution Amplifier

The MDA 4V HD-SDI is a compact one input, four output distribution amplifier for SDI and multi-rate HD-SDI serial digital video signals up to 2.97 Gbps. It automatically recognizes and adapts to common serial digital video signals that comply with SMPTE and ITU standards, including SMPTE 259M, 292M, and 424M, and ITU-R.BT601 and BT1120. The MDA 4V HD-SDI is ideal for use in broadcast and video production facilities, medical facilities, rental and staging, and other applications requiring a single serial digital video source to be sent to up to four displays at the same time.

FEATURES

- Automatically adapts to SMPTE and ITU digital video standards
- Data rates up to 3G-SDI video
- Passes embedded audio, ancillary ID, and metadata information
- Input format LED indicators
- Automatic input equalization
- Four buffered and re-clocked outputs
- Rack mountable

Model	Version Description	Part Number
MDA 4V HD-SDI	1x4 High Definition - SDI	60-884-01

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DVI & HDMI™

SW DVI A Series

Two and Four Input DVI Switchers with Stereo Audio

The SW DVI A Switcher Series are two and four input Digital Visual Interface switchers used to switch single link DVI-D signals and stereo audio. These switchers are ideal for use in lecture halls, conference rooms, auditoriums, home theaters, medical applications, and other applications where multiple DVI sources need to be switched to one digital display device.

FEATURES

- Single link DVI-D and stereo audio switching
- Supports resolutions up to 1920x1200, including HDTV 1080p
- EDID minder
- Independent input equalization
- Source signal presence indication
- Active Audio Buffering - Converts unbalanced audio signals to balanced line level signals
- Autoswitching capabilities
- RS-232 and contact closure remote control

Model	Version Description	Part Number
SW2 DVI A	Two Input DVI Switcher	60-840-01
SW4 DVI A	Four Input DVI Switcher	60-840-02

SW2 DVI A

SW4 DVI A

SW HDMI Series

Two and Four Input HDMI Switchers

The SW HDMI Switcher Series are two and four input HDMI switchers used to switch HDMI signals including multi-channel digital audio, and CEC - Consumer Electronics Control signals. These switchers are housed in compact, 1U, half rack width, 3 inch deep enclosures that can be installed using a variety of mounting options. Additionally, the SW HDMI Switcher Series offer multiple control options, including front panel, IR, and RS-232. These switchers are ideal for use in lecture halls, conference rooms, auditoriums, home theaters, HD videoconferencing, and other applications where multiple HDMI sources need to be switched to one display.

FEATURES

- Compatible with all HDTV rates, including 1080p, and PC resolutions up to 1920x1200
- Independent input equalization
- Source signal presence indication
- RS-232 and contact closure remote control
- IR remote control with optional Extron IR 102
- Rack-mountable 1U, half rack width metal enclosure
- External international power supply included

Model	Version Description	Part Number
SW2 HDMI A	Two Input HDMI Switcher	60-841-01
SW4 HDMI A	Four Input HDMI Switcher	60-841-02

SW2 HDMI

SW4 HDMI

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DVI & HDMI™

DVI 101

DVI Cable Equalizer

The DVI 101 offers a convenient, economical solution for extending single link DVI signals beyond the 5 meter (15 foot) limitation with standard DVI cables. The DVI 101 attaches to the end of a long DVI cable run of up to 200 feet (60 meters). It automatically provides the necessary active equalization to ensure optimal image quality with HDTV signals up to 1080p and high resolution computer-video signals up to 1920x1200.

FEATURES

- Extends DVI-D/HDMI signals over DVI cable up to 200 feet (60 meters) at resolutions up to 1080p HDTV and 1920x1200
- Supports DDC and HDCP copy protection transmission
- LED indicator for source signal presence and power
- Self-powering at shorter distances

Model	Version Description	Part Number
DVI 101	DVI Cable Equalizer	60-873-01

HDMI 101

HDMI Cable Equalizer

The HDMI 101 offers a convenient, economical solution for extending HDMI signals beyond the suggested 15 meter (45 foot) distance for HDMI cables. The HDMI 101 attaches to the end of a long HDMI cable run of up to 200 feet (60 meters). It automatically provides the necessary active equalization to ensure optimal image quality with HDTV signals up to 1080p and high resolution computer-video signals up to 1920x1200.

FEATURES

- Extends HDMI signals over HDMI cable up to 200 feet (60 meters) at resolutions up to 1080p HDTV and 1920x1200
- LED indicator for source signal presence and power
- Self-powering at shorter distances
- HDCP compliant
- Supports DDC transmission

Model	Version Description	Part Number
HDMI 101	HDMI Cable Equalizer	60-872-01

DVI 201 A D

Single Link DVI Extender with Audio - Decora Wallplate

The DVI 201 A D is a Decora-style transmitter and receiver set that enables DVI or HDMI signals to be carried over distances significantly greater than the 5 meter (15 foot) limitation for standard DVI cables. In addition, it can accept and separately transmit stereo audio signals. Linked together using two economical and integration friendly CAT 5, CAT 5e, CAT 6, or CAT 7 cables, the DVI 201 A D transmitter and receiver work together to send single link DVI-D or HDMI signals over 200 feet (60 meters) for HDTV and XGA (1024x768).

FEATURES

- Transmits single link DVI-D/HDMI and RS-232 signals over two CAT 5/5e/6/7 cables
- Sends 720p, 1080i, and XGA over 200 ft (60 m), 1080p and 1920x1200 signals over 100 ft (30 m)
- Transmits additional stereo audio signals
- Supports DDC and HDCP copy protection transmission
- Remote powering of transmitter or receiver
- Bi-directional RS-232 pass-through

DVI 201 A D Tx

Model	Version Description	Part Number
DVI 201 A D Tx/Rx	Transmitter/Receiver Set - Black	60-865-02
DVI 201 A D Tx/Rx	Transmitter/Receiver Set - White	60-865-03
DVI 201 A D Tx	Transmitter - Black	60-865-12
DVI 201 A D Tx	Transmitter - White	60-865-13
DVI 201 A D Rx	Receiver - Black	60-865-22
DVI 201 A D Rx	Receiver - White	60-865-23

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DVI & HDMI™

HDMI 201 A D

HDMI Extender with Audio - Decora Wallplate

The HDMI 201 A D is a Decora-style transmitter and receiver set that enables HDMI signals to be carried over distances significantly greater than the lengths of standard HDMI cables. In addition, it can accept and separately transmit stereo audio signals. Linked together using two economical and integration friendly CAT 5, CAT 5e, CAT 6, or CAT 7 cables, the HDMI 201 A D transmitter and receiver work together to send HDTV and XGA (1024x768) resolution HDMI signals over 200 feet (60 meters).

FEATURES

- Transmits HDMI and RS-232 signals over two CAT 5/5e/6/7 cables
- Sends 720p, 1080i, and XGA over 200 ft (60 m), 1080p and 1920x1200 signals over 100 ft (30 m)
- HDCP compliant
- Extends video, audio, and control signals
- Transmits additional stereo audio signals
- Remote powering of transmitter or receiver
- Bi-directional RS-232 pass-through

HDMI 201 A D Tx

Model	Version Description	Part Number
HDMI 201 A D Tx/Rx	Transmitter/Receiver Set - Black	60-864-02
HDMI 201 A D Tx/Rx	Transmitter/Receiver Set - White	60-864-03
HDMI 201 A D Tx	Transmitter - Black	60-864-12
HDMI 201 A D Tx	Transmitter - White	60-864-13
HDMI 201 A D Rx	Receiver - Black	60-864-22
HDMI 201 A D Rx	Receiver - White	60-864-23

DVI DA2

Two Output DVI Distribution Amplifier

The DVI DA2 is a one input, two output DVI distribution amplifier which allows one, single link DVI signal to be distributed to two digital displays at the same time. The DVI DA2 supports DVI-D signals up to 1920x1200, including HDTV 1080p. Additionally, the DVI DA2 provides DDC routing to the local output, allowing EDID handshaking which ensures proper video output and reliable display of material.

FEATURES

- Single link DVI-D signal distribution
- Supports single link DVI-D signals up to 1920x1200, including HDTV 1080p
- Automatic input Equalization
- DDC routing to local output
- Drives both output signals up to 50 feet (15 meters)
- Rack-mountable 1U, half rack width metal enclosure

Model	Version Description	Part Number
DVI DA2	Two Output DVI Distribution Amplifier	60-886-01

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FIBER OPTICS

Fiber Matrix 6400

Modular Fiber Optic Matrix Switcher

The Fiber Matrix 6400 is a high performance fiber optic modular matrix switcher, expandable from 8x8 up to 64x64 in size. It is fully compatible with the FOX 500 Series as well as the FOX HD-SDI, and features 4.25 Gbps digital switching capability. The Fiber Matrix 6400 is equipped with convenience features for integrators that are common to Extron matrix switchers, as well as with hot-swappable input/output boards and redundant power supplies for field upgradeability and reliability in mission-critical environments.

FEATURES

- High speed digital switching
- Multimode and singlemode I/O boards available
- Hot-swappable I/O boards
- Field-upgradeable and hot swappable, modular design
- I/O virtualization
- Advanced computer-aided diagnostics

Model	Version Description	Part Number
Fiber Matrix 6400 Frame	Modular Fiber Optic Frame	60-878-01
Fiber Matrix 6400 I/O Board - MM	850 nm Multimode	60-879-01
Fiber Matrix 6400 I/O Board - SM	1310 nm Singlemode	60-879-02

FOX 500 DVI

Fiber Optic Extender for DVI, Audio, and RS-232

FOX 500 DVI Rx MM

The FOX 500 DVI is a transmitter and receiver set for long haul transmission of DVI, audio, and RS-232 control signals over a single fiber*. It uses Extron's exclusive zero compression, all digital technology to deliver perfect pixel-for-pixel transmission of computer-video images up to UXGA (1600x1200) resolution, including HDTV 1080p. Also included are a host of integrator-friendly features such as an EDID emulation mode, buffered input loop-through, RS-232 control from multiple locations, rack-mount capability, and real-time system monitoring.

FEATURES

- Extends single-link DVI-D, stereo audio, and RS-232 control signals over a single fiber*
- All digital, zero compression technology provides pixel-for-pixel performance with signals up to 1600x1200, including HDTV 1080p
- Alarm notification for fiber link loss
- 850 nm multimode and 1310 nm singlemode models available
- Real-time status LED indicators for troubleshooting and monitoring

* A second fiber is needed for return data.

Model	Version Description	Part Number
FOX 500 DVI Tx MM	850 nm Multimode - Transmitter	60-859-11
FOX 500 DVI Rx MM	850 nm Multimode - Receiver	60-859-21
FOX 500 DVI Tx SM	1310 nm Singlemode - Transmitter	60-859-12
FOX 500 DVI Rx SM	1310 nm Singlemode - Receiver	60-859-22

FOX 500 DA6

Six Output Fiber Optic Transmitter for RGBHV, Audio, and RS-232

The FOX 500 DA6 is a six output transmitter for long haul transmission of RGB, audio, and RS-232 control signals over a single fiber. It uses Extron's exclusive zero compression, all digital technology to deliver perfect pixel-for-pixel transmission of computer-video images up to UXGA (1600x1200) resolution. It also features active optical signal splitting so that original transmitter power levels are maintained for all outputs. Also included are a host of integrator-friendly features such as flexible input connectivity, RS-232 control from multiple locations, and real-time system monitoring.

FEATURES

- Extends RGB computer-video, stereo audio, and RS-232 control signals over a single fiber
- Six individually isolated outputs
- All digital, zero compression technology provides pixel-for-pixel performance with signals up to 1600x1200
- 850 nm multimode and 1310 nm singlemode models available
- Real-time status LED indicators for troubleshooting and monitoring

Model	Version Description	Part Number
FOX 500 DA6 MM	850 nm Multimode	60-863-01
FOX 500 DA6 SM	1310 nm Singlemode	60-863-02

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FIBER OPTICS

FOX HD-SDI

Fiber Optic Extender for Multi-Rate SDI

The Extron FOX HD-SDI enables long haul transmission of multi-rate SDI video, with embedded audio and metadata, over a single fiber. It uses Extron's exclusive zero compression, all digital technology to transmit multi-rate SDI signals up to 2.97 Gbps including SDI, HD-SDI, and 3G-SDI. To optimize SDI signal transmission to and from the FOX HD-SDI, input signals are automatically equalized, and output signals are reclocked. The FOX HD-SDI can function as a transmitter and a receiver in various user-configurable modes.

FEATURES

- Extends SDI, HD-SDI, and 3G-SDI signals over a single fiber
- Input equalization and reclocking on buffered outputs
- Dual buffered outputs
- Daisy-chain capability
- Real-time status LED indicators for troubleshooting and monitoring
- 850 nm multimode and 1310 nm singlemode models available

Model	Version Description	Part Number
FOX HD-SDI MM	850 nm Multimode	60-900-01
FOX HD-SDI SM	1310 nm Singlemode	60-901-01

SIGNAL PROCESSORS

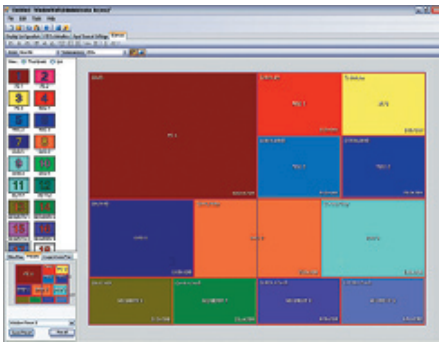
MGP 464W WindoWall™ System

Scalable Multi-Graphic Videowall Processor System

The MGP 464W WindoWall System is a powerful and versatile, yet user-friendly approach for multi-display videowall systems. It consists of MGP 464W Multi-Graphic Processors, used in conjunction with the WindoWall Console software. The system features a scalable architecture that delivers optimum performance and reliability. The WindoWall Console application software is the user interface to the system, facilitating intuitive, straightforward control and configuration of videowall systems, and the creation of presentations with multiple, independent windows for displaying graphics, HDTV, and video. The MGP 464W WindoWall System is ideal for applications requiring highly reliable, multi-window videowall systems.

FEATURES

- Distributed videowall processing architecture
- Scalable from 1x2 up to 3x2 videowall systems and larger
- Dedicated high performance video and graphics processing for each display or video cube
- Four independent windows per display of video, HDTV, and high resolution computer-video
- Wizard-based graphical user interface for videowall system set-up
- Virtual canvas for on-screen videowall visualization and dynamic window placement and sizing



Screenshot of Virtual Canvas on WindoWall Console Software

MGP 464W DI

Model	Version Description	Part Number
WindoWall 102	Two Processors for 1x2 Arrays	42-115-02
WindoWall 102 DI	Two Processors with DVI for 1x2 Arrays	42-115-12
WindoWall 103	Three Processors for 1x3 Arrays	42-115-03
WindoWall 103 DI	Three Processors with DVI for 1x3 Arrays	42-115-13

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AUDIO PRODUCTS & SPEAKERS

SI 3

Compact Full-Range Surface Mount Speakers

The System Integrator® SI 3 is ideally suited for small to medium classrooms and conference rooms with limited wall space for speaker placement due to projector screens, pull-down maps, and white boards. It features a 3" (7.6 cm) full-range driver, coupled to an exclusive conical baffle that serves to provide a broad dispersion of the mid and high frequencies in order to optimize room coverage from a compact speaker. The SI 3 has a nominal impedance of 8 ohms and is housed in a high-impact, weather-resistant enclosure. It is sold in pairs and includes a 5 year parts and labor warranty.

FEATURES

- Compact full-range speaker
- 3" (7.6 cm) full-range driver with a tuned bass reflex port
- Frequency response: 75 Hz to 18 kHz
- Exclusive V-Lock® mounting system included
- 16 watts continuous pink noise, 32 watts continuous program

Model	Version Description	Part Number
SI 3	Surface Mount - 3" Driver, Black, Pair	42-105-02
SI 3	Surface Mount - 3" Driver, White, Pair	42-105-03
Speakers are sold in pairs only. Individual price:		Each

HPA 502

100 Watt Two Channel Half Rack Power Amplifier

The HPA 502 is a compact power amplifier ideal for installation in racks and lecterns. This ENERGY STAR® qualified amplifier features a highly efficient Class D amplifier design with patented CDRS™ - Class D Ripple Suppression technology from Extron that nearly eliminates EMI emissions and interference with wireless A/V equipment. The HPA 502 delivers 50 watts rms per channel into 4 or 8 ohms. It is convection cooled and can easily operate in environments with little or no ventilation.

FEATURES

- 50 watts rms per channel into 4 or 8 ohms
- ENERGY STAR qualified amplifier
- Highly efficient Class D amplifier design
- Patented CDRS - Class D Ripple Suppression
- Convection cooled
- Plenum rated when used with optional flexible conduit adapter kit (70-228-02)
- Compact 1U, half rack width metal enclosure

Model	Version Description	Part Number
HPA 502	100 Watt Two Channel Power Amplifier	60-849-01

HPA 1001-70V

70 Volt 100 Watt Mono Half Rack Power Amplifier

The HPA 1001-70V is a compact power amplifier ideal for installation in racks and lecterns. This ENERGY STAR® qualified amplifier features a highly efficient Class D amplifier design with patented CDRS™ - Class D Ripple Suppression technology from Extron that nearly eliminates EMI emissions and interference with wireless A/V equipment. The HPA 1001-70V delivers 100 watts rms for 70 volt constant voltage speaker distribution systems. It is convection cooled and can easily operate in environments with little or no ventilation.

FEATURES

- 100 watts rms output for 70 volt speaker systems
- ENERGY STAR qualified amplifier
- Highly efficient Class D amplifier design
- Patented CDRS - Class D Ripple Suppression
- Convection cooled
- Plenum rated when used with optional flexible conduit adapter kit (70-228-02)
- Compact 1U, half rack width metal enclosure

Model	Version Description	Part Number
HPA 1001-70V	70 Volt 100 Watt Mono Power Amplifier	60-850-01

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SPECIALIZED PRODUCTS

GLI 350xi

Ground Loop Isolator

The GLI 350xi is a one-input, one-output dedicated ground loop isolator. It eliminates the hum bars and common mode noise associated with improper grounding in video systems. The GLI 350xi can save hours of troubleshooting and unnecessary rewiring by providing electrical isolation for systems where it is impractical to connect all equipment to the same signal ground.

FEATURES

- Eliminates hum bars and common mode noise
- 350 MHz (-3 dB) RGB video bandwidth, fully loaded
- Horizontal frequency range of 15-135 kHz
- Compatible with RGBHV, RGBS, RsGsBs, and RGsB video
- External international power supply attached

Model	Version Description	Part Number
GLI 350xi	1-input, 1-output ground loop isolator	60-223-03

ADA 2/GLI 350xi

Two Output RGBHV Distribution Amplifier With Built-In GLI - Ground Loop Isolator

The ADA 2/GLI 350xi, a one-input, two-output ground loop isolator, eliminates hum bars and common mode noise in applications that experience ground loop and interference problems. It provides ground loop isolation for a variety of signals, including RGBHV, RGBS, RsGsBs, RGsB, component video, S-video, and composite video.

FEATURES

- Eliminates hum bars and common mode noise
- 350 MHz (-3 dB) RGB video bandwidth, fully loaded
- Horizontal frequency range of 15-135 kHz
- NTSC, PAL, and SECAM compatible on RGB channels
- External international power supply attached

Model	Version Description	Part Number
ADA 2/GLI 350xi	1-input, 2-output ground loop isolator	60-230-03

InfoComm® International Projection Shoot-Out® Software DVD Volume 2.0

Demonstration and Evaluation Reference

The InfoComm Projection Shoot-Out Software DVD Volume 2.0, produced and distributed by Extron Electronics in partnership with InfoComm International, is the most comprehensive Shoot-out software to-date. The three-disc set combines, for the first time, royalty-free HD video, SD video, and computer graphics image shows into two DVD ROM discs and one HD-DVD disc to provide unparalleled display system demonstration and evaluation support. Use this software to stage your own "shoot-out" using the included, customizable high resolution computer graphics slideshows, the HD video, or the NTSC and PAL video versions.

Features

- Royalty-free HD video, SD video, and computer graphics image shows on two DVD ROM discs and one HD-DVD disc
- Computer slideshows at resolutions of 800x600, 1024x768, 1280x720, 1280x1024, 1366x768, 1400x1050, 1600x1200, 1920x1080, 1920x1200, and 2048x1080
- Standard definition video demo loops in NTSC and PAL formats
- 720p & 1080p high definition video demo loops in HD-DVD & Windows® Media HD formats

Model	Version Description	PartNumber
2 DVD ROM, 1 HD-DVD Set	Volume 2.0	29-095-01

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CABLES & ADAPTERS

SMF-SMF PM

3.5 mm Stereo Mini Female to Female Panel Mount Adapter

The 3.5 mm Stereo Mini Female to Female Panel Mount Adapter provides pass-through stereo audio connectivity on wall plates, floor boxes, and panel-mounted locations. These integration-friendly barrel connectors enable professional panel-mounted connectivity for the common 3.5 mm stereo mini audio connectors found on most computers and protable audio products.

Features

- Extron designed and manufactured for uncompromised qualitiy
- Durable machined one-piece construction with integrated body design
- Gold plated contacts
- Two panel mount options

Model	Version Description	PartNumber
SMF-SMF PM/10	Qty. 10	100-432-01
SMF-SMF PM/50	Qty. 50	100-432-03
SMF-SMF PM/100	Qty. 100	100-432-04

SVHSF-SVHSF PM

Low Profile S-Video Female to Female Panel Mount Barrel

The Low Profile S-Video Female to Female Panel Mount Barrel provides easier installations in shallow junction boxes and other panel-mounted locations with limited space. The durable one-piece construction with integrated body design maintains reliable connections, while the gold plated contacts provide exceptional conductivity.

Features

- Extron designed and manufactured for uncompromised qualitiy
- Low profile design provides easier installation in shallow junction boxes
- Durable one-piece construction with integrated body design maintains reliable connections
- Gold plated contacts provide exceptional conductivity

Model	Version Description	PartNumber
SVHSF-SVHSF PM/10	Qty. 10	100-417-01
SVHSF-SVHSF PM/50	Qty. 50	100-417-03
SVHSF-SVHSF PM/100	Qty. 100	100-417-04

SVF-2BNCF PM

Low Profile S-Video Female to 2 BNC Female Panel Mount Adapter

The SVF-2BNCF PM adapter accepts S-video input signals on a female 4-pin mini-DIN connector and outputs the signal on two female BNC connectors (Y-luminance and C-chrominance). By converting to 2 BNCs, these integration-friendly S-video adapters allow installers to use high-performance coaxial cable to route S-video signals to switchers, distribution amplifiers, and S-video devices that use BNC connectors. The low profile panel mount adapters are ideal for wall plates, floor boxes, and other panel-mounted locations that require S-video signal connectivity.

Features

- Extron designed and manufactured for uncompromised qualitiy
- Adapter converts from female 4-pin mini-DIN to two female BNCs on 8" (20 cm) pigtails
- 4-pin mini-DIN low profile design
- 4-pin mini-DIN durable one-piece construction with an integrated body design and gold-plated contacts

Model	Version Description	PartNumber
SVF-2BNCF PM/10	Qty. 10	70-632-01
SVF-2BNCF PM/50	Qty. 50	70-632-03
SVF-2BNCF PM/100	Qty. 100	70-632-04

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BULK CABLES & CONNECTORS

CTU 300

Universal Crimp Tool

The Extron CTU 300 is the single tool necessary to terminate all Extron coaxial and other compatible cables using Extron's high-quality, reliable BNC crimp connectors. Extron's exclusive precision-machined, self-aligning FastBite™ die ensures accurate, consistent crimp connections. The unique four-in-one die has quick-view color-coded markings for ease of use.

FEATURES

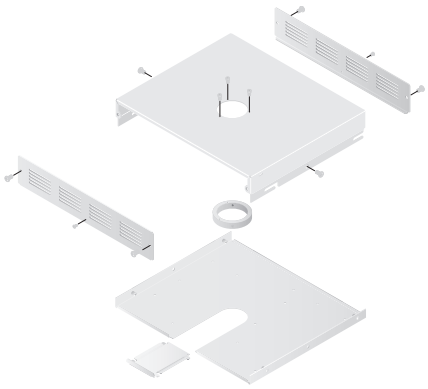
- Quick-view color-coded four-in-one tool
- Unique hexagon-shaped, double-sided crimp termination
- Exclusive FastBite design
- Self-aligning die
- Extron engineered, precision-machined quality

Model	Version Description	Part Number
CTU 300	Four-in-one crimp termination tool	100-241-02

MOUNTING HARDWARE

PMK 450

Easy Installation Multi-Product Projector Mounting Kit



The Extron PMK 450 Easy Installation Multi-Product Projector Mounting Kit is a lightweight, fully enclosed vented housing for quickly installing and securing multiple Extron products above a pole-mounted projector.

The PMK 450 accommodates a variety of pole mount installations, including vaulted, hard, and drop ceilings. An innovative bottom panel with a take-apart slide-on design allows A/V products to be fastened to the bottom panel safely and conveniently at a table or work surface before it is attached to the pole-mounted enclosure. This helps the installer complete the cable connections before sliding the bottom panel into the closed position and then securing it in place with the included hardware.

The aesthetically pleasing, tamper-proof, theft-deterrent enclosure protects and secures the A/V components out of sight above the projector. The lightweight aluminum construction helps minimize total projector system weight when designing systems to meet various architectural, structural, and seismic standards. The PMK 450 may be purchased separately or as an integral component of a PoleVault™ System.

FEATURES

- Easy installation
- Easy access bottom panel
- Vented, fully enclosed housing
- Tamper-resistant theft-deterrent design
- Lightweight aluminum construction
- Available in white

Model	Version Description	Part Number
PMK 450	White	70-618-03

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